

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A liquid-crystal display apparatus, comprising:

a first substrate having:

a plurality of first substrate terminals located adjacent to and aligned along a center portion of a first edge of said first substrate and extending linearly toward a second edge of said first substrate opposing said first edge; and

a first electrode pattern electrically connected to said first substrate terminals ~~and arranged so as to extend from said first substrate terminal toward a second edge of said first substrate opposing said first edge~~;

a second substrate having:

a plurality of first input terminals located adjacent to and aligned along a first edge of said second substrate and extending linearly toward a second edge of said second substrate opposing said first edge of said second substrate;

a plurality of second substrate terminals electrically connected to said first input terminals ~~and arranged so as to extend inboard from said first input terminal along said second substrate~~;

a plurality of second input terminals located adjacent to and aligned along said first edge of said first substrate and extending linearly toward said second edge of said second substrate, the second input terminals having a first portion flanking

one side of said first input terminals and a second portion flanking another side of said first input terminals; and

a second electrode pattern including a plurality of lines each electrically connected to a corresponding one of said second input terminals; and

a sealing member having a conductive material, the sealing member adhering the first and second substrates to each other and defining a liquid-crystal sealing area;

wherein said first substrate and said second substrate are located in an opposed manner through said sealing member so that the first substrate terminals and said second substrate terminals overlap each other as viewed in plan ~~said first electrode pattern and said second electrode pattern intersect with each other;~~ and

said first substrate terminals and said second substrate terminals are electrically connected to each other with said conductive material ~~between said first and second portions of said second input terminal;~~

the lines of the second electrode pattern within the liquid-crystal sealing area each including:

a first linear portion that extends linearly from where the line is electrically connected to the corresponding second input terminal, the first linear portion of each line extending for a different length than the first linear portion of other lines of the second electrode pattern;

an oblique portion that slants obliquely from the first linear portion, a spacing between the lines of the second electrode pattern being narrower at the oblique portions than at the first linear portions;

a second linear portion that extends linearly from the oblique portion toward the second edge of the second substrate; and

a second-edge parallel portion that extends from the second linear portion parallel with the second edge of the second substrate.

2. (Cancelled)

3. (Previously Presented) A liquid-crystal display apparatus according to claim 1,

wherein image data is supplied to said first electrode pattern, and a scanning signal is supplied to said second electrode pattern.

4. (Currently Amended) A liquid-crystal display apparatus, comprising:
a first substrate having:

a plurality of first substrate terminals ~~for conduction between substrates,~~ located adjacent to and aligned along a center portion of a first edge of said first substrate and extending linearly toward a second edge of said first substrate opposing said first edge; and

a first electrode pattern electrically connected to said first terminals ~~and arranged so as to extend from said first substrate terminal toward a second edge of said first substrate opposing said first edge;~~ and

a second substrate having:

a plurality of first input terminals ~~for receiving input from an outside,~~ located adjacent to and aligned along a first edge of said second substrate and extending linearly toward a second edge of said second substrate opposing said first edge;

a plurality of second substrate terminals for conduction between substrates ~~extending essentially perpendicular to said first edge and disposed at a central portion of said first edge, said second substrate terminal arranged so as to extend inboard from said first input terminal along said second substrate;~~ and

a second electrode pattern ~~having a first portion flanking one side of said second terminal and a second portion flanking another side of said second terminal,~~

wherein said first and second substrates are located in an opposed manner through said sealing member so that said first substrate terminals and said

second substrate terminals overlap each other as viewed in plan ~~so as to extend in a direction in which said first electrode pattern and said second electrode pattern intersect with each other,~~

wherein a driving IC is mounted on said second substrate, said driving IC having:

an input terminal electrically connected to said ~~first~~ input terminals;

and

an output terminal electrically connected to said second substrate terminals for conduction between substrates and said second electrode pattern;

a sealing member having a conductive material, the sealing member adhering the first and second substrates to each other and defining a liquid-crystal sealing area;

and

the second substrate terminals and the second electrode pattern being aligned following an edge of the second substrate that is adjacent to the driving IC and electrically connected to the driving IC,

wherein said first substrate terminals and said second substrate terminals are electrically connected to each other by a conductive material sandwiched between said first substrate and said second substrate, ~~said electrical connection being performed between portions of said second electrode pattern flanking said second substrate terminal~~

the lines of the second electrode pattern within the liquid-crystal sealing area each including:

a first linear portion that extends linearly from where the line is electrically connected to the corresponding second input terminal, the first linear portion of each line extending for a different length than the first linear portion of other lines of the second electrode pattern;

an oblique portion that slants obliquely from the first linear portion, a spacing between the lines of the second electrode pattern being narrower at the oblique portions than at the first linear portions;

a second linear portion that extends linearly from the oblique portion toward the second edge of the second substrate; and

a second-edge parallel portion that extends from the second linear portion parallel with the second edge of the second substrate.

5. (Cancelled)

6. (Previously Presented) A liquid-crystal display apparatus according to claim 4, wherein image data is supplied to said first electrode pattern, and a scanning signal is supplied to said second electrode pattern.

7. – 16. (Cancelled)